



THE COMMISSIONER IS AUTHORIZED
TO CHARGE ANY DEFICIENCY IN THE
FEE FOR THIS PAPER TO DEPOSIT
ACCOUNT NO. 23-0975.

IN THE UNITED STATES PATENT AND TRADEMARK OFFICE

In re application of :

Michael A. REEVE :

Serial No. 08/253,212 :

Group Art Unit 1815

Filed June 2, 1994 :

Examiner T. Reardon

METHOD TO ISOLATE MACROMOLECULES:
USING MAGNETICALLY ATTRACTABLE
BEADS WHICH DO NOT SPECIFICALLY
BIND THE MACROMOLECULES

RECEIVED

JUN 3 1995

GROUP 1800

SUPPLEMENTAL RESPONSE

Honorable Commissioner of Patents and Trademarks,
Washington, D.C.

Sir:

Further to the response filed on June 12, 1995, please
amend the present application as follows:

IN THE CLAIMS:

Claims 3, 13 to 15, 17 and 21, cancel without prejudice
to the subject matter thereof, and add the following claims in
their place:

--22. A method of making a product solution containing a
nucleic acid by treating a starting solution containing the
nucleic acid by the use of suspended magnetically attractable
beads which do not specifically bind the nucleic acid, comprising
the steps of:

precipitating the nucleic acid out of the starting
solution in the presence of the suspended magnetically
attractable beads whereby a nucleic acid precipitate becomes non-
specifically associated with the beads,

applying a magnetic field to draw down the
precipitate of the nucleic acid and associated beads,

separating the precipitate ^{AN} from a first
supernatant liquid,

adding ^{AN} liquid to the precipitate to re-dissolve
the nucleic acid and re-suspend the beads,

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